



Further Improvement of GD passive component

Global Dossier Task Force Meeting

January 31, 2018

Japan Intellectual Property Association



Circumstance of GD sites

(Quoted from the Quality Document)

IP Office	Scope of GD coverage	Content (Annex II)	Availability (24/365)	Languages	Timeliness	Remarks
USPTO	>=01-01-2003	Identical to public online file inspection *1*3	Yes	EN (No MT)	Immediately upon entry to the file wrapper	Maximum Capacity: Users are unlikely to reach these limits under normal circumstances. Should individual users have issues, they could consider contacting their IP5 Office directly. Approximate response times: Access times to any Table of Contents are generally less than 10 seconds. Access times to any any particular documents generally less than 20 seconds, even with Machine Translation.
EPO	>1977(all)	Ditto *2	TBD	Original EN-DE-FR	Manually checked by a Formalities Officer	
SIPO	>=10-02-2010 <u>No Utility Model</u>	Ditto *3	Yes, except occasional maintenance.	CN / EN (SIPO MT) CN only for OA related documents	After formality procedures	
KIPO	>=01-01-1999	Ditto *3	By the end of 2017	KR / EN (KIPO MT) KR only for OA related documents	Manually checked by a Formalities Officer	
JPO	>=01-07-2003	Ditto *2,*3	Hopefully in 2019	JP / EN (JPO MT)	[Online] By the next day of submission by applicants.	
WIPO-CASE	Dependent upon Providing Offices	<-	<-	<-	<-	

*1: USPTO provides certified copies of entire file histories including copyrighted NPL for a fee.

*2: NPL citations available via non-online file inspection.

*3: Not included decisions of Board of Appeal and Courts, documents of Oppositions, etc.





Circumstance of GD functions

(Proposal of Improvement Items 1/3)

Patent Office	Languages of UI	Cited Reference Hyper-Link	DL of Cited Reference	Search Function	DL of Document List	DL of Bibliographic data	DL of Entire file wrapper
USPTO *6	English	Yes Except US Refs.	One By One, Pdf format*3	Number Search only	Yes*4	Yes	No (PAIR: YES)
EPO	English, German, French	Yes ※1	Bulk*2, Pdf format*3	<ul style="list-style-type: none"> • Numbers • Keywords • Classifications • Dates, Etc. ※Advanced Search	No	Yes	Yes ※EP case only
SIPO *6	Chinese, English, German, Spanish, French, Japanese, Korean, Portuguese	No	No	<ul style="list-style-type: none"> • Number • Title/Applicant ※CN case Only	No	No	No
KIPO	Korean only	Yes	One By One, Pdf format	Number Search only	No	No	Yes
JPO	Japanese only English*5	No*5	No	No*5	No*5	No	No

*1: direct link to CCD. *2: Bulk DL via My patents list. *3: CSV DL of Citation list. *4: Family Bulk DL via Collections.

*5: Under Consideration. *6: Not easy to find GD site.





Circumstance of GD functions

(Proposal of Improvement Items 2/3)

IP Office	Patent Family	Latest Legal Status	Expiration Date	Final Date to be actioned	Document Group	Screen of Patent Family	Screen of Cited Reference	Other Countries
USPTO *1	On Screen, CSV DL	Not yet displayed	Not yet displayed	Not yet displayed	Not yet	Not in parallel	CCD List, Not one look	PCT, AU, CA
EPO	On Screen, No CSV DL	Ditto	Ditto	Ditto	Ditto	Ditto	Ditto	PCT, CA
SIPO	Ditto	Ditto	Ditto	Ditto	Ditto	Ditto	Ditto	Not yet
KIPO	Ditto	Ditto	Ditto	Ditto	Ditto	In Parallel for 5 columns.	In Parallel for 5 columns.	Not yet
JPO	Ditto	Ditto	Ditto	Ditto	Yes	In Parallel for 4 columns	CCD List	PCT, AU, CA

*1: Not capture/printer fiendly.



Image of Optimized DB System (Overall)

(Proposal of Improvement Items 3/3)

- IP Management system is linked to OPDs of IP Offices, and stores:
 - Internal data (evaluation, draft)
 - Due data(No documents files)

- Bibliographic data and Due data of IP Management system is updated with IP Offices data (dates, total number of claims etc.) through API.



The DB system group mutually complemented and no duplicate data achieves maximum effect with minimum effort.

- No duplicate data → make infra resources appropriate.
- Correct data → make procedures easier and correct, e.g. Examination Req., Fee Payments, etc.

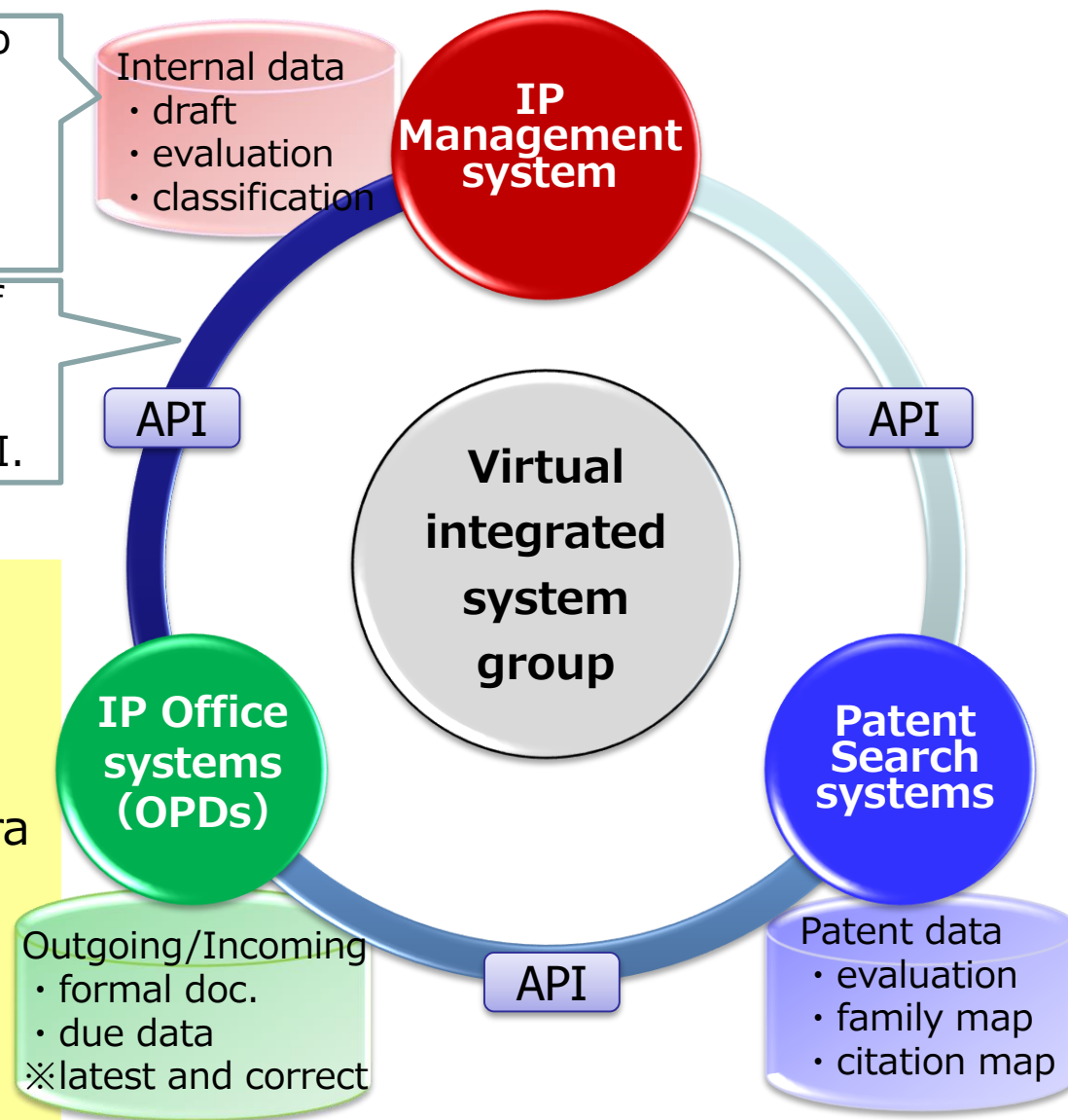
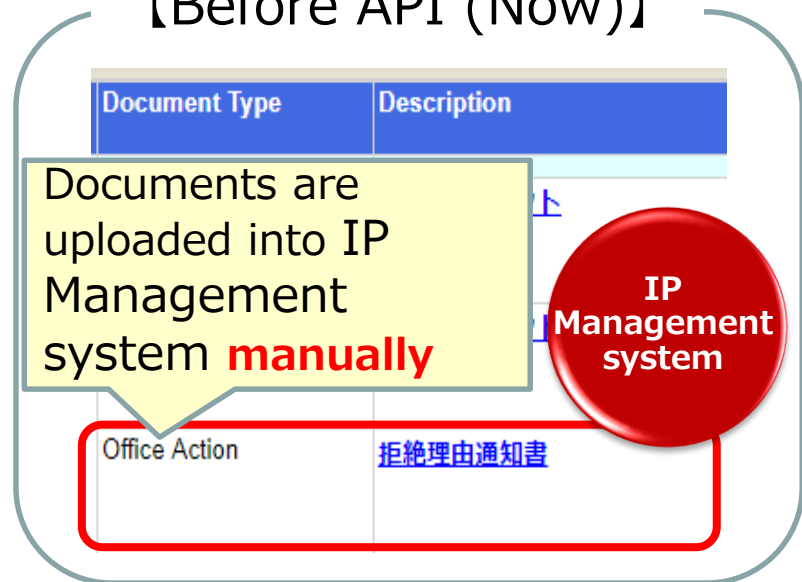




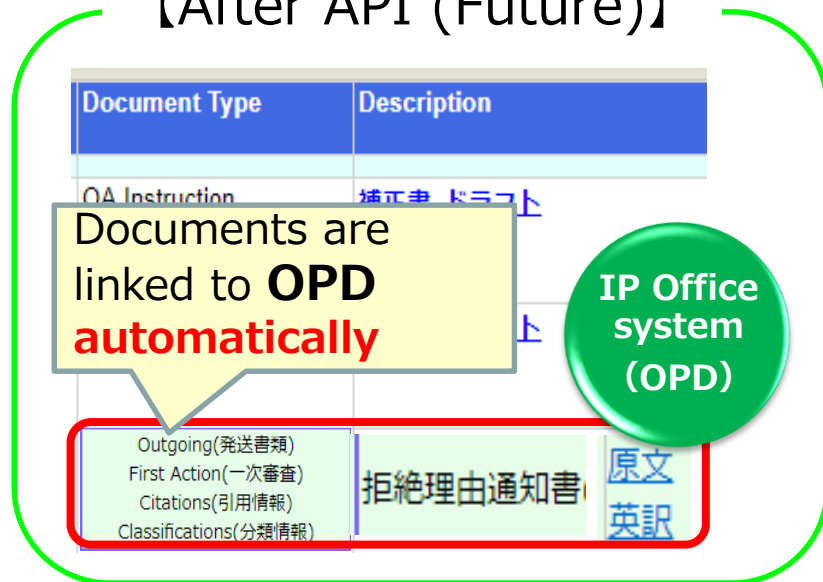
Image of Optimized DB System (File Wrapper Management) (Proposal of Improvement Items 3/3)

◆ File Wrapper Management in IP Management System

【Before API (Now)】



【After API (Future)】



◆ Benefits of Optimized DB System

- Mutually complemented and no duplicate data makes infra resources appropriate.

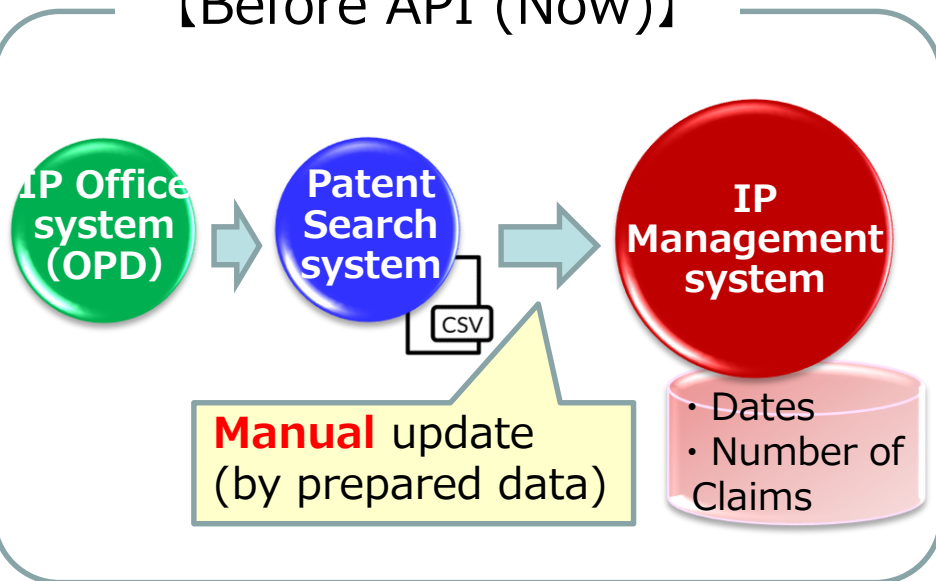


Image of Optimized DB System (Bibliographic Data)

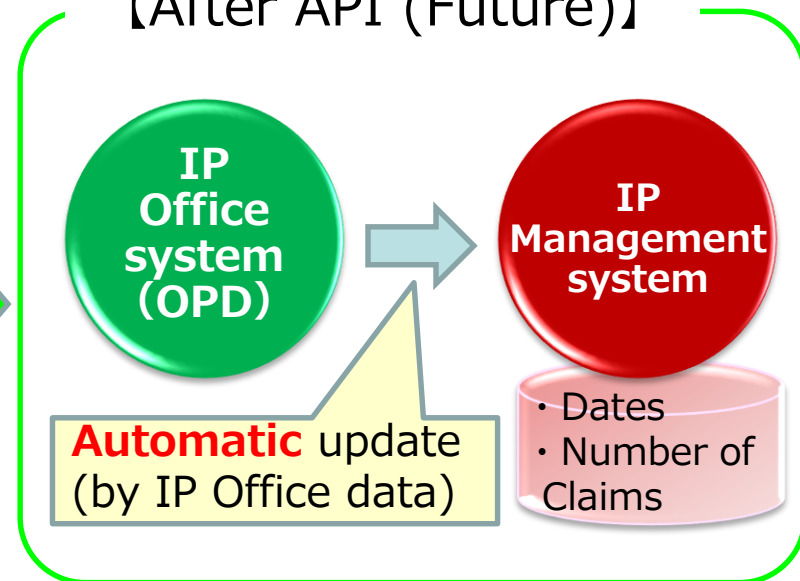
(Proposal of Improvement Items 3/3)

◆ Updating bibliographic data of IP Management system

【Before API (Now)】



【After API (Future)】



◆ Benefits of Optimized DB System

- Correct data makes procedures (e.g. Examination Req., Fee Payments, etc.) easier and correct, namely, numbers of amendment orders by IP Offices can be reduced; and data cleaning work in IP Management System can be minimized.